

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
 Data File : BP025188.D
 Acq On : 18 Jul 2025 11:45
 Operator : CG/JU
 Sample : PB168899BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168899BL

Quant Time: Jul 18 12:05:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	553879	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2101074	20.000	ng	0.00
39) Acenaphthene-d10	14.096	164	1259296	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2420255	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2857319	20.000	ng	0.00
86) Perylene-d12	24.495	264	2954838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4080933	130.548	ng	0.01
7) Phenol-d6	6.643	99	4237679	103.881	ng	0.01
23) Nitrobenzene-d5	8.572	82	2585008	81.823	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2277728	153.109	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6786204	83.483	ng	0.00
79) Terphenyl-d14	19.689	244	10951434	84.236	ng	0.02

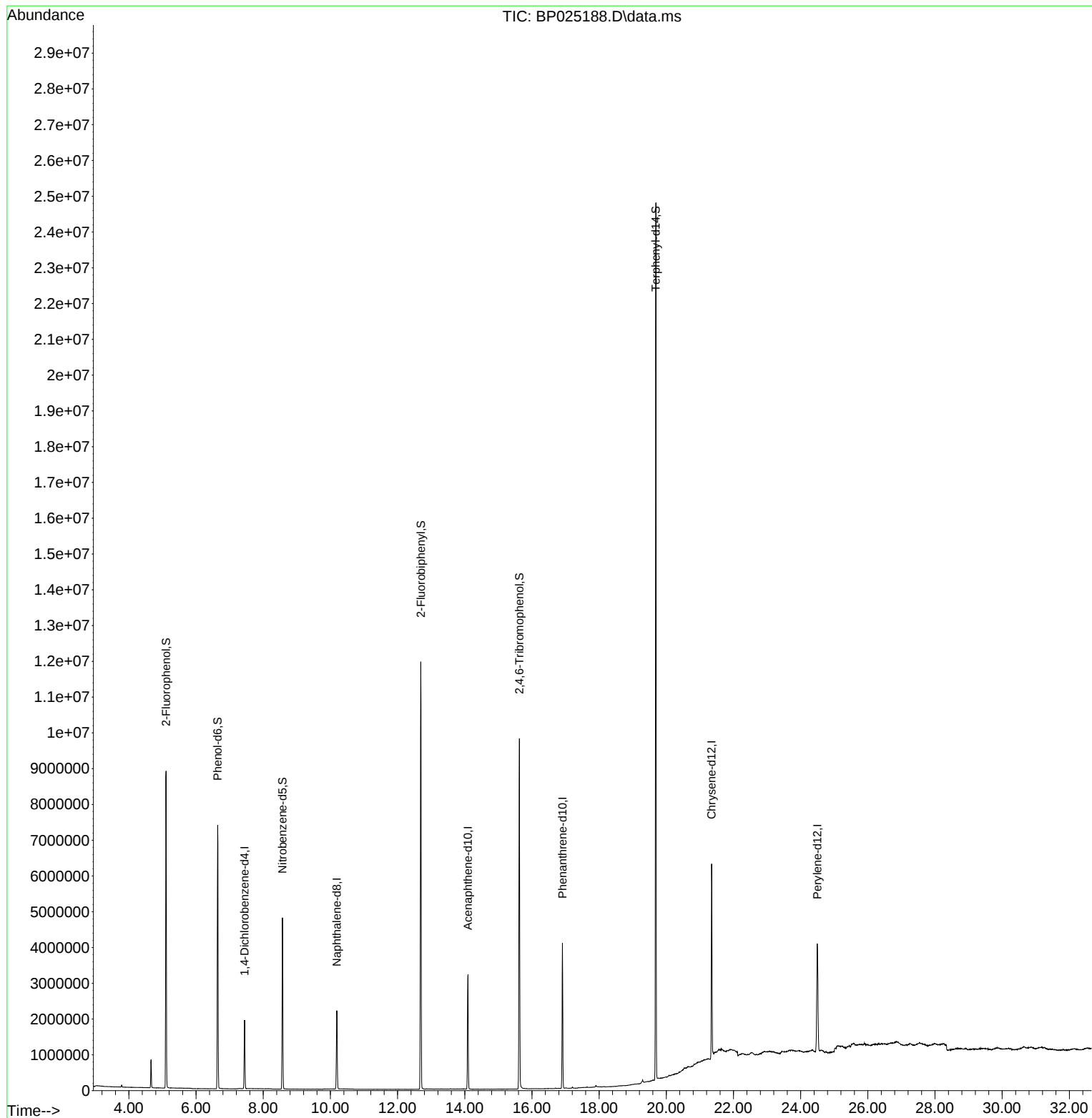
Target Compounds	Qvalue

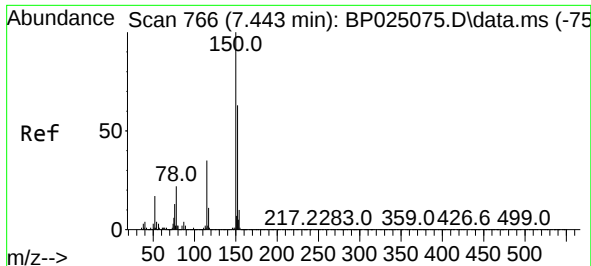
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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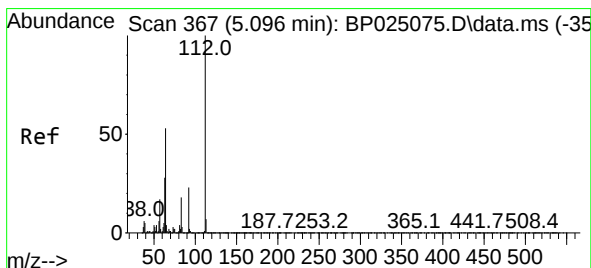
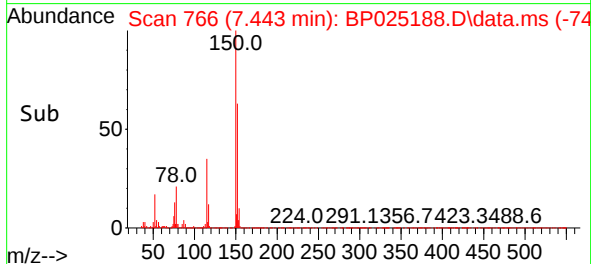
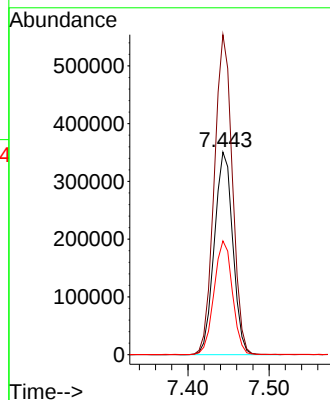
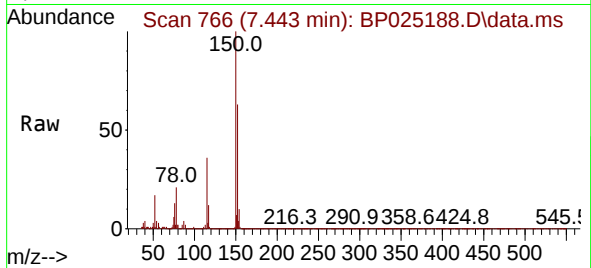




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

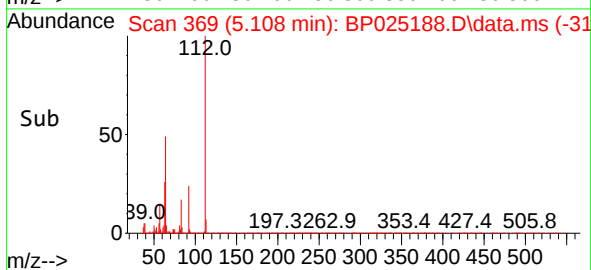
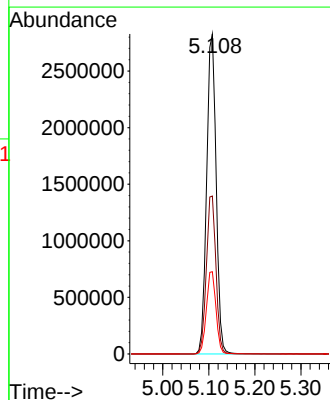
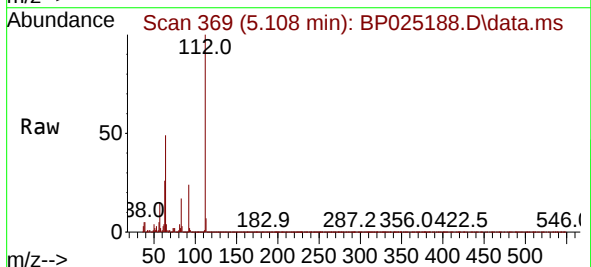
Instrument :
BNA_P
ClientSampleId :
PB168899BL

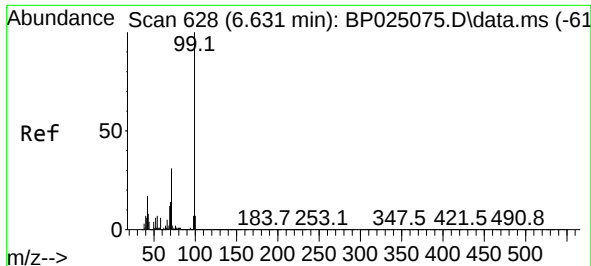
Tgt Ion:152 Resp: 553879
Ion Ratio Lower Upper
152 100
150 157.9 126.1 189.1
115 56.1 44.3 66.5



#5
2-Fluorophenol
Concen: 130.548 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:112 Resp: 4080933
Ion Ratio Lower Upper
112 100
64 49.4 42.0 63.0
63 25.7 22.2 33.2

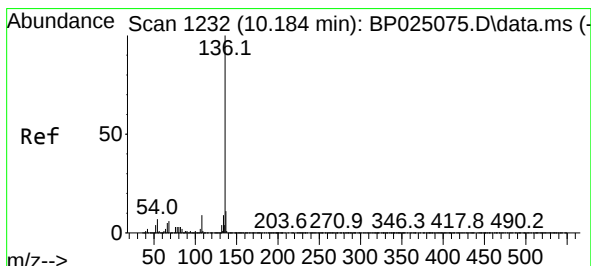
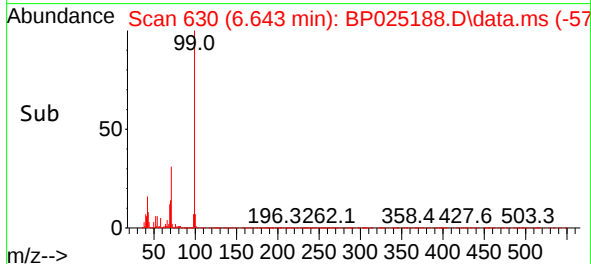
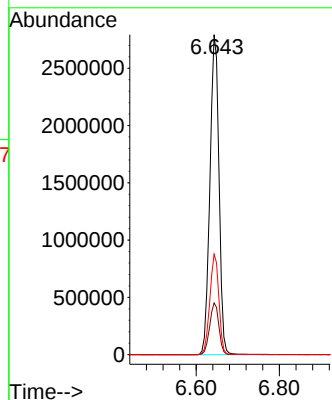
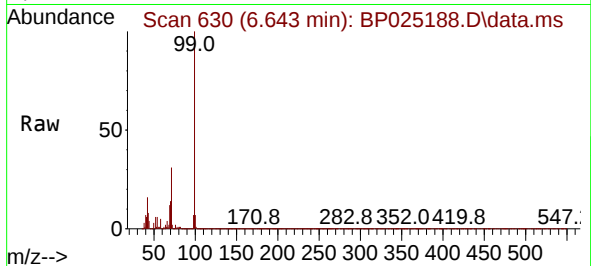




#7
Phenol-d6
Concen: 103.881 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

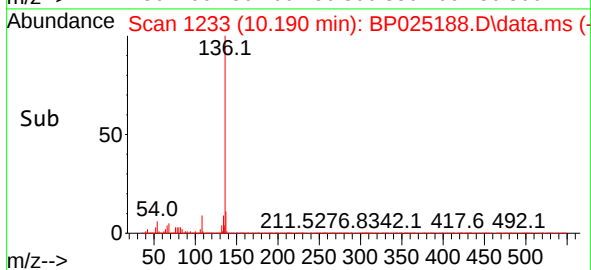
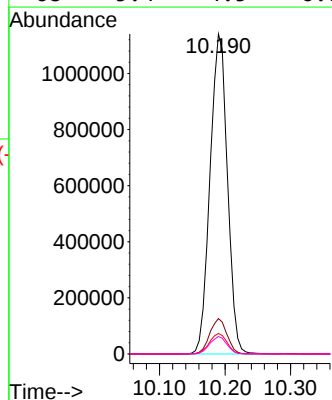
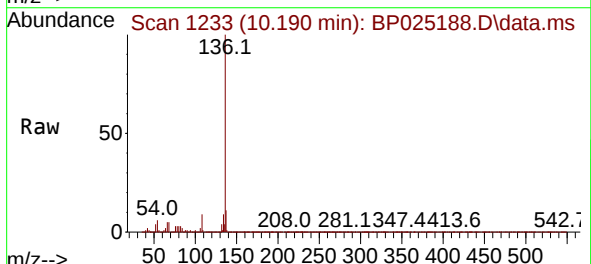
Instrument :
BNA_P
ClientSampleId :
PB168899BL

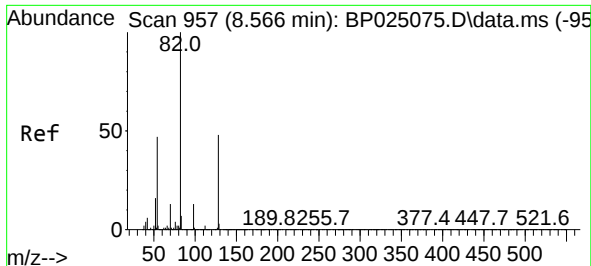
Tgt Ion: 99 Resp: 4237679
Ion Ratio Lower Upper
99 100
42 16.2 13.6 20.4
71 31.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion: 136 Resp: 2101074
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 5.4 4.5 6.7

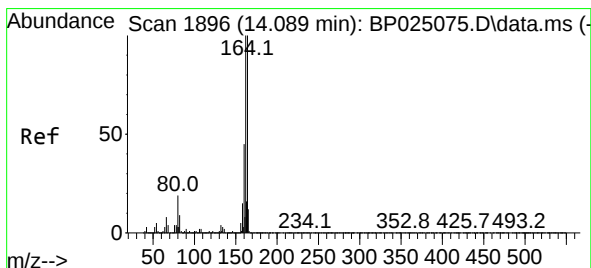
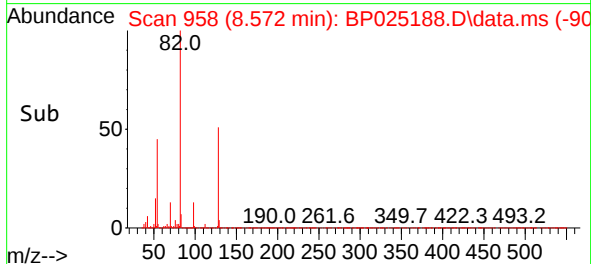
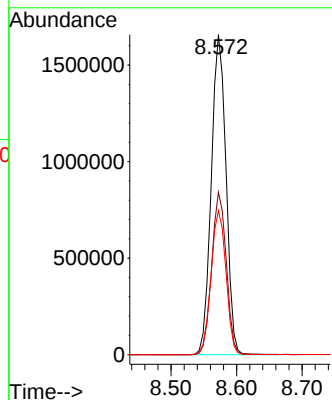
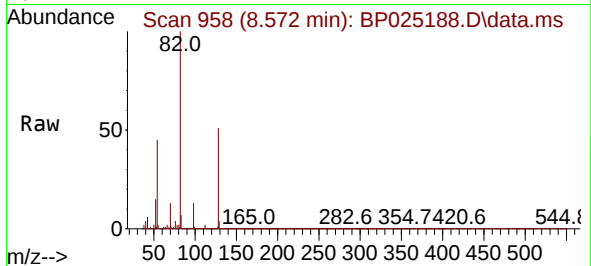




#23
Nitrobenzene-d5
Concen: 81.823 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

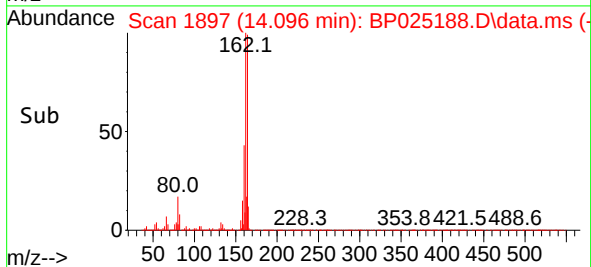
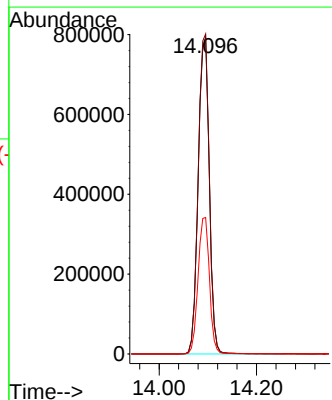
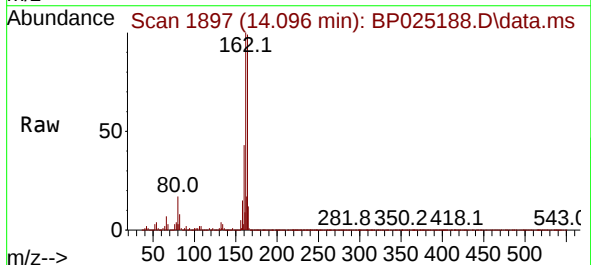
Instrument :
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ClientSampleId :
PB168899BL

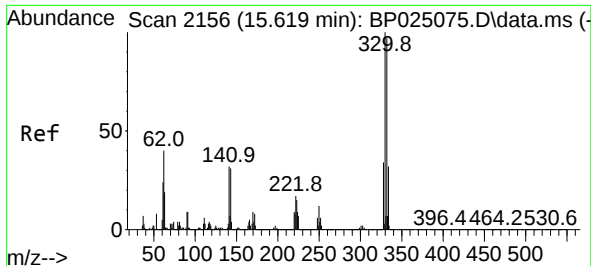
Tgt Ion: 82 Resp: 2585008
Ion Ratio Lower Upper
82 100
128 50.8 38.4 57.6
54 45.0 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1897
Delta R.T. 0.007 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:164 Resp: 1259296
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 43.1 35.9 53.9

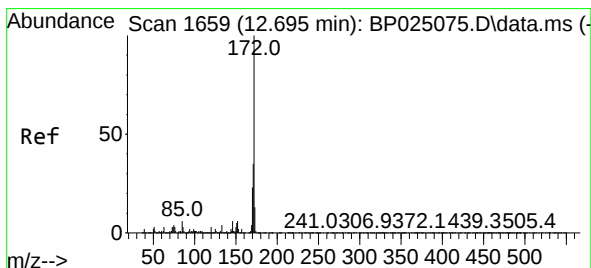
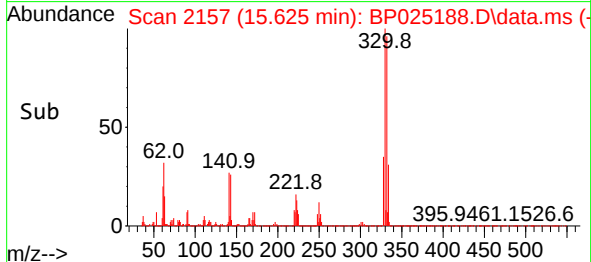
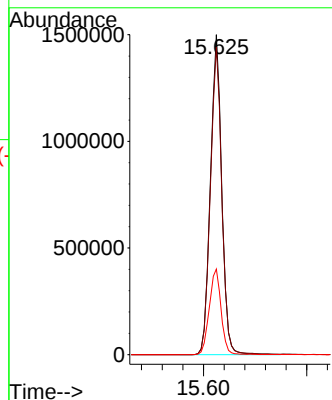
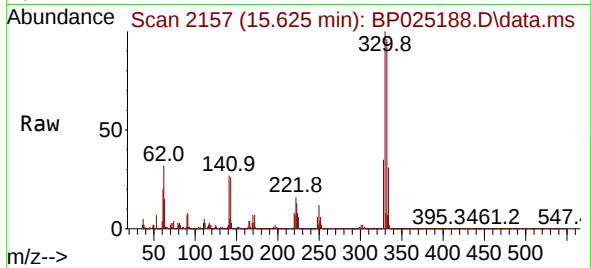




#42
2,4,6-Tribromophenol
Concen: 153.109 ng
RT: 15.625 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

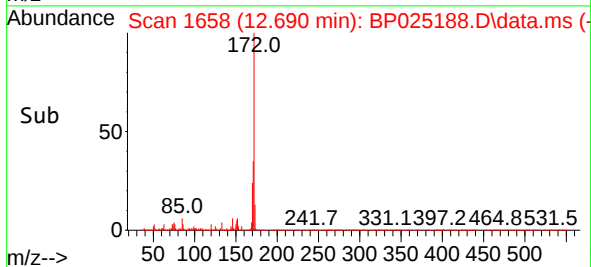
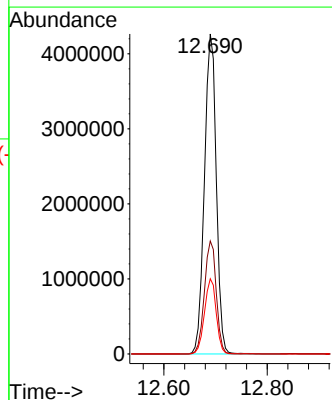
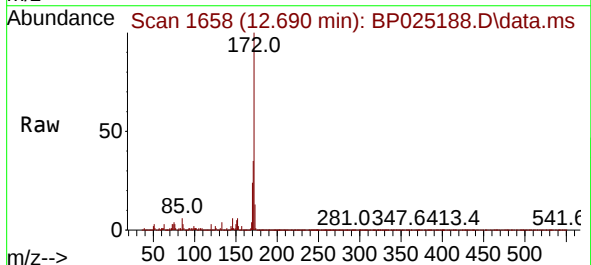
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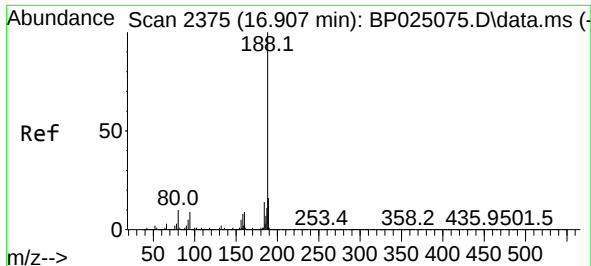
Tgt Ion:330 Resp: 2277728
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 27.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 83.483 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:172 Resp: 6786204
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.7 28.1

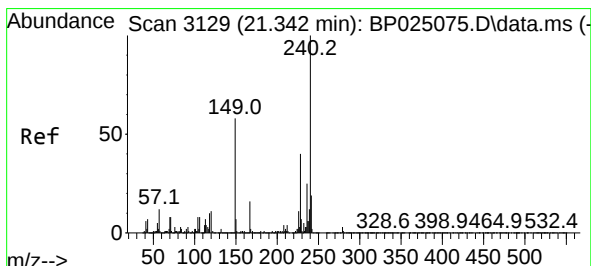
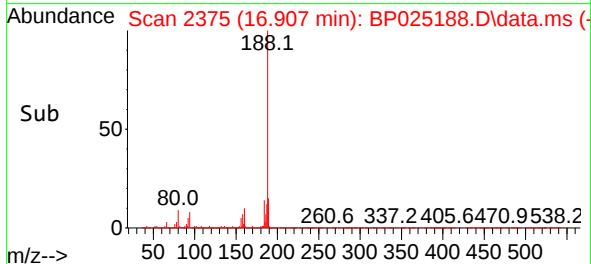
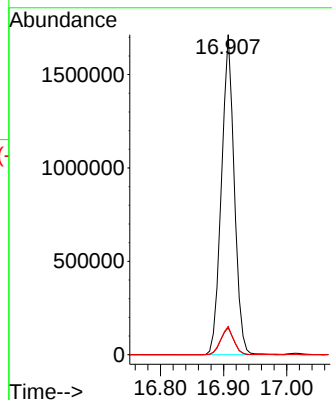
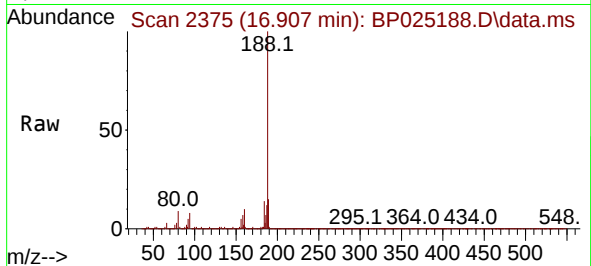




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

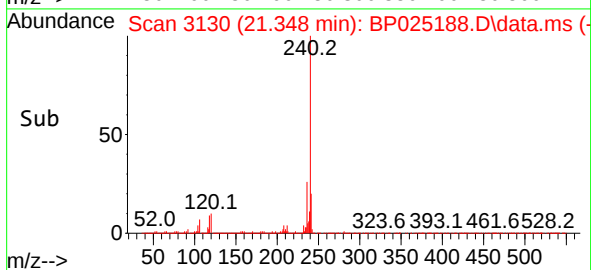
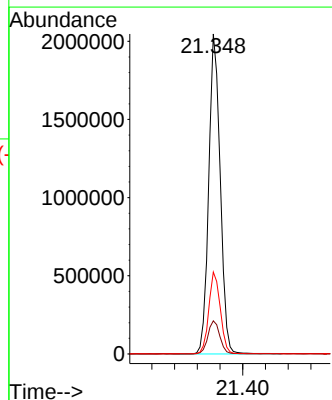
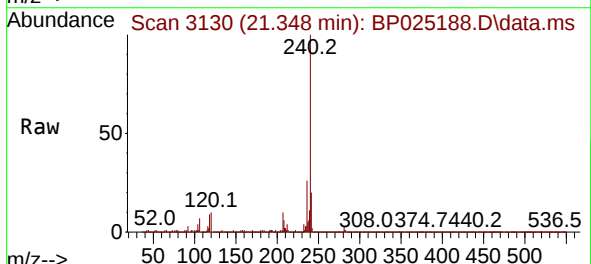
Instrument :
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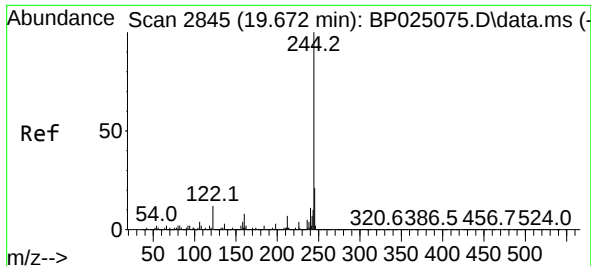
Tgt Ion:188 Resp: 2420255
Ion Ratio Lower Upper
188 100
94 8.4 7.3 10.9
80 8.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025188.D
Acq: 18 Jul 2025 11:45

Tgt Ion:240 Resp: 2857319
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.6 20.3 30.5

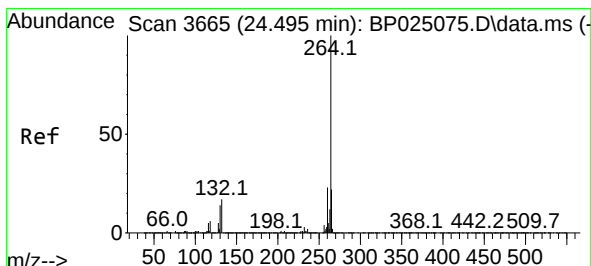
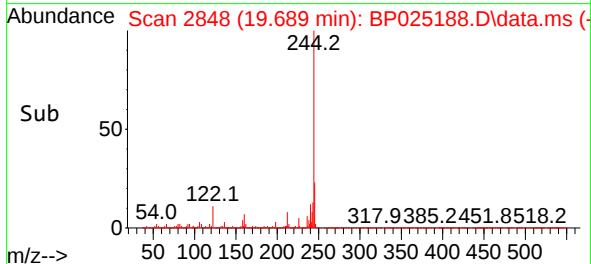
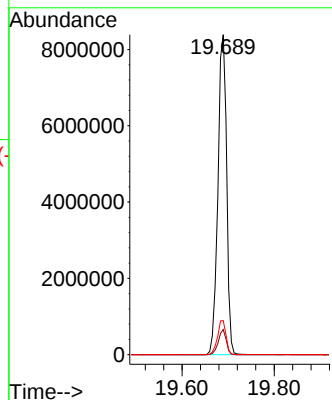
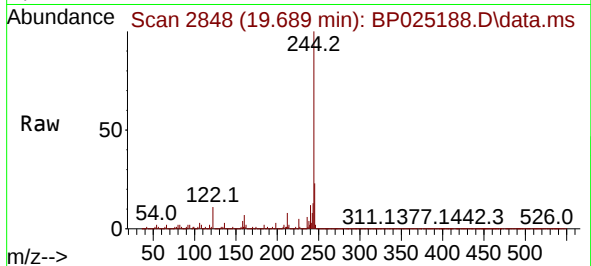




#79
 Terphenyl-d14
 Concen: 84.236 ng
 RT: 19.689 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP025188.D
 Acq: 18 Jul 2025 11:45

Instrument :
 BNA_P
 ClientSampleId :
 PB168899BL

Tgt Ion:244 Resp:10951434
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.7 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.495 min Scan# 3665
 Delta R.T. 0.000 min
 Lab File: BP025188.D
 Acq: 18 Jul 2025 11:45

Tgt Ion:264 Resp: 2954838
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.7 26.5

